

Core **Toroid 87/56/13**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	1.123	mm ⁻¹
Ve	effective volume	42133	mm ³
Le	effective length	217.5	mm
Ae	effective area	194	mm ²
m	mass of core	≈ 200	g/pcs

Epoxy coating DC isolation voltage 2000.

Maximum operating temperature of the coating is 200°C.

Dimensions (mm)

Cores	OD	ID	H	
T87/56/13	87 ± 1.25	56 ± 0.9	12.7 ± 0.25	Uncoated
TX87/56/13	88.75 max	54.6 min	13.45 max	Epoxy Coated

Core data

Cores	Material	AI (nH/turns ²)	AI tolerance	μe
T87/56/13	3C11	4390	± 25%	≈ 4300
T87/56/13	3C94	2350	± 25%	≈ 2300
T87/56/13	3E27	5620	± 25%	≈ 5500

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